FIG. 1A

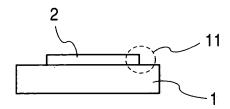


FIG. 1B



FIG. 1C

FIBER AXIAL DIRECTION

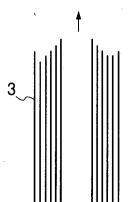


FIG. 2A

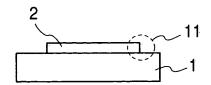


FIG. 2B

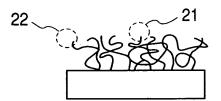


FIG. 2C1

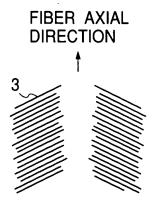


FIG. 2C2

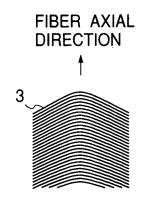


FIG. 3A

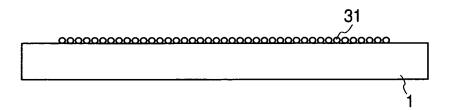


FIG. 3B

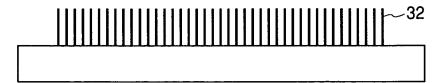


FIG. 4

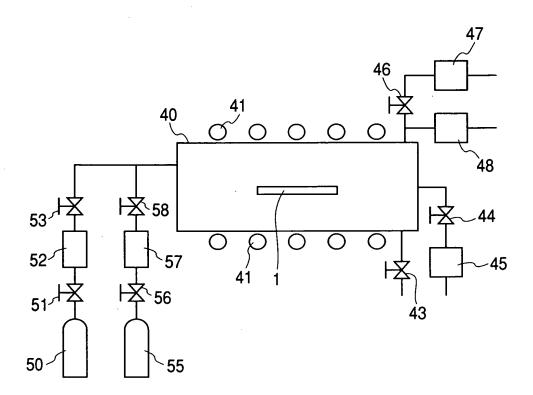


FIG. 5

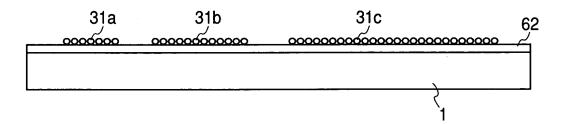
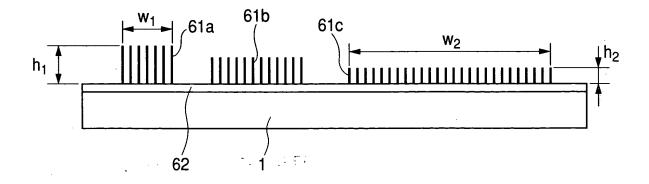
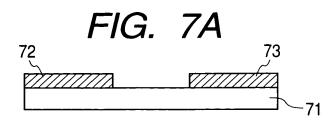
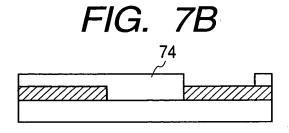
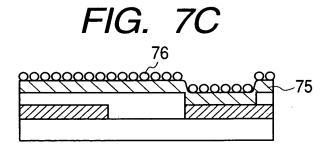


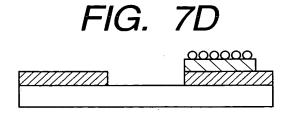
FIG. 6











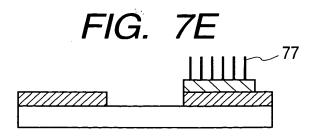


FIG. 8A

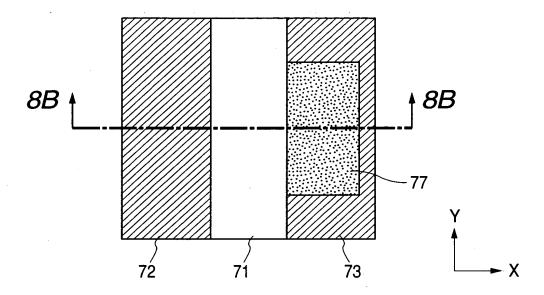


FIG. 8B

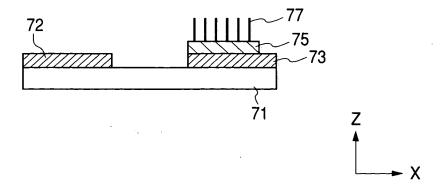


FIG. 9

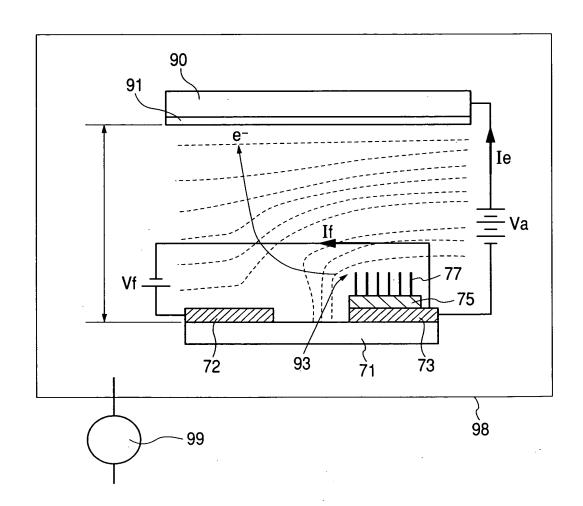
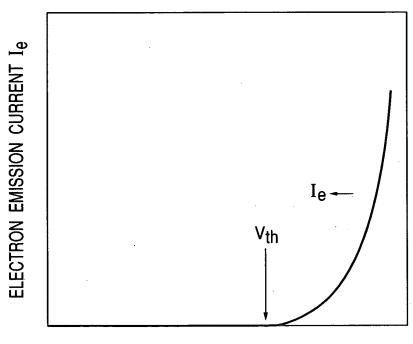
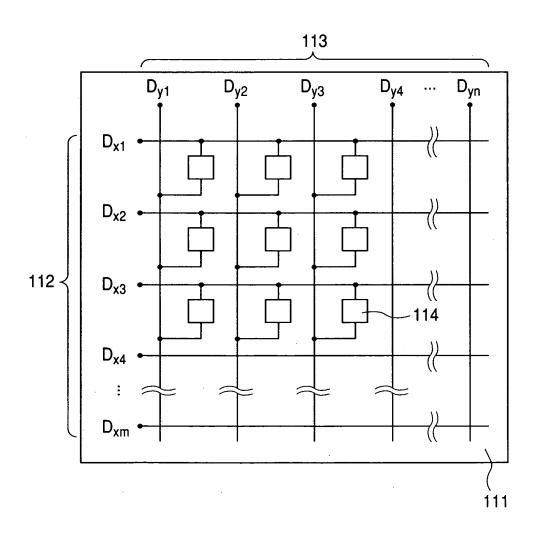


FIG. 10



DEVICE VOLTAGE V_f

FIG. 11



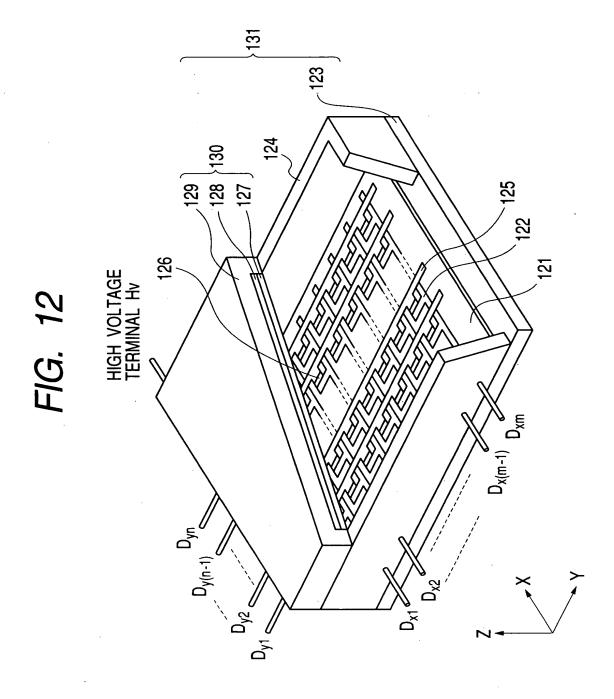


FIG. 13

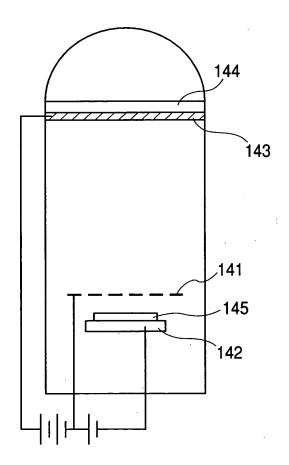


FIG. 14

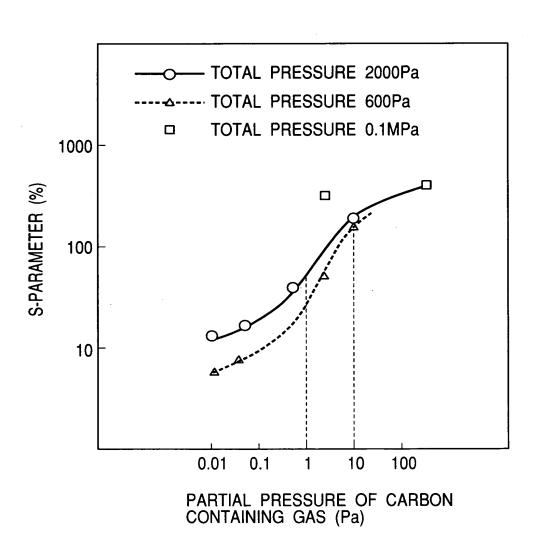


FIG. 15

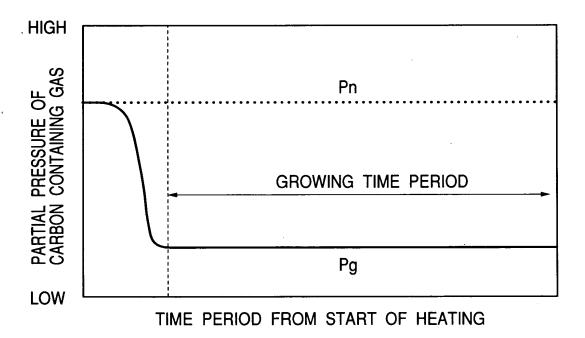


FIG. 16

